



Vol. 47 No. 28

Patrick Air Force Base/Cape Canaveral Air Force Station, Fla.

July 15, 2005

45th SW boasts one of AF top 12

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45th SW Public Affairs



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Staff Sgt. Amber Mitchell is flying high as one of the U.S. Air Force's 12 Outstanding Airmen of the Year for 2005.

It's been a great couple of years for Sgt. Mitchell, a 45th Space Wing senior aerospace control officer, who is moving to Schriever AFB, Colo. In addition, she was chosen as the 14th Air Force Category 2 Space Instructor/Evaluator of the Year for 2004, 14th AF NCO of the year for 2004 and was the only ACO in history to earn a perfect score during Guardian Challenge.

Col. Mark Owen, 45th SW commander, said her attitude and performance were instrumental in her selection.

"Amber's work ethic, attitude and excellence are all components of her selection for this honor," he said. "She exemplifies what makes a noncommissioned officer so valuable to the Air Force and we are thrilled to have had her in the 45th. We know she'll continue her outstanding contributions at Schriever AFB."

Sgt. Mitchell never thought she'd get

an award like this.

"It feels surreal because you only see those people in magazines. You don't ever know any of those people," she said. "I didn't think I would win in the wing category, much less anything else. I'm just a farm girl from Kentucky, these things don't happen to me."

Shown that these things indeed do happen to people who work hard, Sgt. Mitchell had some advice for people who wish to follow her example.

"Get involved in private organizations, such as Air Force Sergeants Association or Junior Enlisted Advisory Council. These don't make a difference only in Enlisted Performance Reports, but they make a difference Air Force-wide," she said.

Chief Master Sgt. James Parkhill, 45th SW command chief, said Sgt. Mitchell's extraordinary professionalism and dedication to the mission earned her the award.

"Obviously, it's well deserved," he said. "Her performance here at Patrick has proved that she's one of the finest NCOs in the Air Force. That was validated by her selection."

An Air Force selection board at the Air Force Personnel Center at Randolph AFB, Texas, considered 45 nominees who represented major commands, direct reporting units, field operating agencies and air staff agencies.

The board convened in May and selected the 12 based on superior leadership, job performance and personal achievements.

The Airmen will be honored during the Air Force Association Air and Space Conference and Technology Exposition in Washington in September. They will also serve on the AFA's enlisted advisory council for the next year.

To see the list of winners, visit the AF Link at www.af.mil.

AFPC News Service contributed to this story.



Mitchell

'Deep Impact' hits target July 4

Good things come to space operators who wait.

That was especially true for 1st Space Launch Squadron members July 4 when NASA's Deep Impact "impactor" spacecraft successfully collided with comet Tempel 1 -- 172 days after it was launched on a Delta II from Space Launch Complex 17-B at Cape Canaveral AFS.

"What a great boost for Independence Day," said Capt. Ed Maldonado of the 1st SLS. "All of us in the squadron, throughout the 45th Space Wing and all of our mission partners can take great pride. This was a team effort."

Members of the 1st SLS were instrumental in facilitating maintenance and help- "impactor" spacecraft collides ing process and evaluate the with comet Tempel 1 on July 4. Delta II booster that launched this phenomenal

mission on Jan. 12, 2005.

Two spacecraft were launched on the Delta II: the impactor, which slammed into the comet and the flyby "mothership," which photographed the collision.

"It took several months to realize the fruits of our labors, but it was worth the wait," said 1st Lt. Ray Parnter, of the 1st SLS, Air Force Launch Crew commander. "What an honor. I've always dreamed of working with NASA."

"That it came together on America's birthday made it extra special. It made me recall the pride I felt when I became a citizen of this great nation."

The Deep Impact mission is the first to provide a glimpse beneath a comet's surface. "This mission is truly a smashing success," said Andy Dantzler, of NASA's Solar System Division. "In the days ahead we will know a lot more about the origins of our solar system."

Capt. Maldonado says his role in this mission is something he's proud to tell his three children about. "Kids need to hear about what we do. It inspires them and makes them want to shoot for the stars," he said.

Adapted from NASA news release. Ken Warren, 45 SW/PA, contributed to this story.



A brilliant splash of light is created as Deep Impact's impactor spacecraft collides with comet Tempel 1 on July 4. Delta II booster that launched this phenomenal

Jury duty = service before self

By Col. David Nuckles
45th SW Safety

Sometimes there are things that we really don't want to do in our military careers, but we salute smartly and do them. Serving as a board member for a court martial is one of those things many of us try to avoid. However, being selected for "jury duty" as a board member for a recent court martial, reemphasized my respect for the Uniform Code of Military Justice and the military court process.

I had been a courtroom spectator a few times early in my career, and on two occasions, I was a testifying witness as the squadron commander who preferred the charges. But to be one of 10 officers to find a fellow Air Force member with over 18 years of service "Guilty" and sentence him to three years of confinement, forfeiture of all wages and benefits, demotion to E-1 with a Dishonorable Discharge, was one of the more difficult things I have done in my 24-year career.

We sat and listened to some intimate, personal details of people's lives and heard of actions conducted by a fellow Airman realizing that what had been done was illegal, failed to comply with Air Force instructions, and brought discredit to all of us who wear the uniform.

Being the senior ranking officer of 10 officers ranging from second lieutenant to colonel also provided a unique perspective. As the senior panel member, it was my job as Board President not only to deliver the verdict and sentence to the accused, but also to ensure we followed the rules and procedures, which were clearly spelled out to us by the court through-

"We constantly reminded ourselves there was a person standing trial who deserved that the jury be attentive, fair and impartial."

Col. David Nuckles

DIRECTOR, 45TH SW SAFETY OFFICE

out the trial proceedings.

But being a colonel didn't mean that everything I said during the proceedings was to be taken as an order, nor was my rank any more or less influential in any portion of our deliberations of the verdict and sentencing phases than that of the youngest second lieutenant serving on the board.

Each member of our board took their responsibilities very seriously, and there was open, spirited debate during our deliberations. Additionally, our votes of "Guilty" or "Not Guilty" on each of the charges were done by secret ballot and destroyed after a verdict was reached.

As a juror in a court martial, you must remain objective at all times. We constantly reminded ourselves there was a person standing trial who deserved that the jury be attentive, fair, and impartial. We had to take into consideration that all the evidence presented to us and made every attempt to give the accused the benefit of doubt and a presumption of innocence where possible. However, as military members, each of us are respon-

sible for our actions and conduct, and we will be held accountable for any misconduct.

As a military jury member, we were allowed to ask specific questions of the witnesses. Each of our questions were reviewed by legal counsel and the presiding judge for validity and legality purposes before being asked. Sometimes, the questions from members of our panel were not permitted by direction of the presiding judge but most were allowed and the witnesses had to respond.

A court martial is definitely not like what we see on television with shows like JAG. It is not a "fun" experience for any member of the courtroom regardless if the accused is found guilty or not guilty, but I was reminded of how valuable this UCMJ process is to those of us who wear a uniform. As members in the profession of arms, we must always remember we are charged with having higher standards than "normal society" and maintaining military good-order and discipline demands adherence and accountability to these high standards.

The opportunity to "Serve" during one's career presents itself in many ways during our career. So next time the Staff Judge Advocate office calls you to "volunteer" for jury duty, don't make excuses about how busy you are, accept the opportunity to put "Service Before Self" and be part of a military justice system that is fair and objective for all of us.

After 24 years in the Air Force, I'm honored I was finally given that opportunity and was proud to serve with nine outstanding professionals who did their duty when called upon.

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ACTION LINE

494-6550

The Action Line is your direct link to the 45th Space Wing commander, Col. Mark Owen, and provides a valuable source of information on ways to make Patrick Air Force Base and Cape Canaveral Air Force Station better places to work and live.

The best way to get something fixed is to identify the problem to supervisors and first sergeants.

If you can't get your problem resolved through the agencies, contact the Action Line: e-mail, Commander'sline@patrick.af.mil or click global at Commander's Line - Patrick AFB; recorded message, 494-6550; mail, 45SW/PA 1201 Edward H. White II St, Ste C-130, Patrick AFB FL 32925-3237; fax, 494-7302. Address all correspondence "Attn: Action Line."

When directing an issue to the Action Line, callers must indicate to whom they've previously addressed the issue.

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494-7171

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Col. Gilbert Hansen
494-8100

Ground Safety
Chris Olesnevich
494-4023

Inspector General
Lt. Col. Frank Miles
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14th AF commander focuses on joint ops

Capt. Todd Fleming
30th SW Public Affairs

VANDENBERG AFB, Calif. - Nearly two months on the job, the man who commands 14th Air Force and the recently stood up Joint Space Operations Center here is focused on improving joint operations.

In an interview this week, Maj. Gen. William L. Shelton reflected on the challenges and opportunities ahead for his command and on his decision to join the Air Force and become a space professional.

Many of his thoughts focused on continuing to develop and improve the new joint command and control center for space, designed to deliver decision-quality information and added capability to warfighters in the field.

"We really sprinted to the starting line here," General Shelton said. "The JSpOC stood up on the 18th of May and is up and operational and doing real well. We have a great initial capabili-

ty but there's a lot of work to be done to grow it into the capability it needs to be in support of the warfighter."

The general indicated he is focused on improving the automation tools and joint manpower as part of the effort to develop the center.

"If the Army and Navy want to participate in space operations as we believe they do, this is a tangible commitment and it's also a way to be involved at the operational level of war," General Shelton said.

The general also acknowledged the added launch capability that will be delivered by the evolved expendable launch vehicle programs, Boeing's Delta IV and Lockheed's Atlas V rockets, both of which already fly from Cape Canaveral Air Force Station and will eventually fly from Vandenberg will replace the legacy systems.

"I think those of us who have been in the business awhile realize this still is rocket sci-

ence," General Shelton said. "This is a very technical business. So, EELV continues to come along but you don't want to rush the development of the capability given what rides on top of these rockets. These are national treasures. It is a great capability and will provide increased flexibility for us."

General Shelton said like many people in his generation, he became interested in space while watching the early spaceflight missions.

"I got up early in the morning to watch grainy black and white pictures of Mercury and Gemini launches and was just fascinated by spaceflight," he said.

The commander indicated he is excited to be back at Vandenberg and looks forward to seeing the many historic launches on the schedule.

"Not only do I have an operational responsibility but I have a personal interest as well, so when you get to put those two things together, it's wonderful," he said.

AF mishap fatalities on sharp rise

By Bill James
45th SW Ground Safety

During the past three fiscal years, the Air Force has seen a dramatic 64 percent increase in mishap fatalities compared to the previous three fiscal years.

Senior leadership recognized this as a serious situation and the Secretary of Defense established a goal in Fiscal Year 2002 to reduce mishaps by 50 percent. Although there has been minor improvements, (10 percent reduction) the Air Force is still averaging more than 80 fatalities a year. This fiscal year is following the same path as the previous three fiscal years and off-duty fatalities continue to lead the way.

The most vulnerable age group is 18-26 year olds. This group is young, impressionable and still maturing in all facets of life. Most will make it to the "old" age era, but several will not if they fail to follow proven safety practices.

Each member has a responsibility to comply with on- and off-duty safety requirements and by doing this they dramatically reduce their risk of injury or possible death.

The Air Force has always relied upon supervisors to be the main catalyst in mishap prevention. They are in a position to be a strong mentor and an effective leader in preventing unnecessary injury and death to their subordinates. Supervisors are also in the position to easily recognize behavioral, attitude and problematic changes in their personnel and take the proper course of action to rectify these situations.

One of the areas that supervisors are sometimes reluctant to execute is holding an individual accountable for substandard safety performance. Supervisors are usually quick and effective to reprimand personnel for tardiness, substandard work performance, dress and appearance, for example. But often supervisors overlook

or ignore the fact that safety violations can be habitual forming and can ultimately lead to an on- and off-duty serious injury or even fatality. This can be a major oversight since the unexpected loss of one person can be detrimental to the mission.

Senior leadership has stepped up the emphasis on this latter responsibility and supervisors should take safety violations more seriously and take appropriate actions to correct the infractions. The goal is to prevent mishaps through education, training and accountability. The bottom line is that the Air Force cannot continue to lose its most valuable resource - people - to unnecessary mishaps.

Mishaps are preventable and leadership owes their subordinates the opportunity to have a safe and healthful living environment during their on- and off-duty activities.



SHARK OF THE WEEK

Who: Staff Sgt. William Hooper, 45th Security Forces Squadron

Hometown: Tampa, Fla.

Length at duty station: 2 years, 4 months

Reason for the nomination: "Staff Sgt. Hooper aggressively attacked an anemic augmentation program by proactively engaging solutions to problem areas using his keen ability to work with and lead others. He formulated and implemented a comprehensive program dedicating more than 60 hours of

off-duty time. His dedication boosted the program from 30 percent of SFS augmentees trained to 100 percent trained in six months."

— Tech. Sgt. Patrick Yocum, 45th SFS NCOIC security forces training.

What's your favorite motto or words you live/work by? "Attitude is everything."

What inspired you to go beyond the call of duty? "My daughter inspires me in everything I do."

Air Force makes changes fitness test criteria

By Staff Sgt. C. Todd Lopez
Air Force Print News

Air Force officials are making a few changes to the physical fitness test used to assess the fitness of Airmen.

In January 2004, the Air Force underwent a major change in the way it looked at fitness. As part of the Fit to Fight program, the service adopted a more stringent physical fitness assessment that measures aerobic fitness, physical strength/endurance and body composition.

Now, 18 months into the program, senior leaders are ready to tweak the assessment to make it even better, said Lt. Gen. (Dr.) George Peach Taylor Jr., Air Force surgeon general.

"We have gotten together a group of scientists and done surveys asking folks if they like the assessment and are there issues with it," Dr. Taylor said. "This last year we brought an update to Corona and are now in the middle of updating a few changes to the Air Force instruction that defines the fitness evaluation."

Updates to AFI 10-248 will include a change in how body composition is measured, a new table for the running portion of the test that takes into account the runner's elevation, and a change in the number of days an Airman must wait before retesting after having scored in the marginal category.

Under the original fitness evaluation, body composition scores were based on abdominal circumference only. The updated AFI will now direct that body composition also be measured using body mass index.

BMI is calculated by dividing weight in pounds by height in inches squared, and multiplying the result by 703. According to the Centers for Disease Control and Prevention, those with a BMI between 18.5 and 24.9 are considered to be normal. Those with a BMI of 25 or above are considered overweight.

Under the updated AFI, Airmen with a BMI of less than 25 will earn the full 30 points for body composition. For Airmen who score a BMI 25 and above, Dr. Taylor said the results of the waist measurement would be used to calculate their test score.

"That will still be an important measure of their health," he said. "Waist measure is closely related to increased risk for metabolic syndrome, diabetes, hypertension and heart disease. Fat distribution is the critical indicator, as opposed to weight."

For those who score marginal, between 70 and 74.9 points, the Air Force plans to correct the time to retest at 90 days; currently, retest for marginal category is 180 days. This will be consistent with the retest time for poor scores, those less than 70.

Changes to the AFI will also include adjustment for those at high-altitude installations. This applies to those at installations with an elevation of 5,000 feet or greater, Dr. Taylor said.

"We'll use the formula for altitude calculations recommended by the National Collegiate Athletic Association," he said.

The Air Force continues to look at ways to improve the fitness evaluation and remains committed to the Fit to Fight program, Dr. Taylor said, because the program has proven successful.

"Participation at fitness centers is up 30 percent now," he said. "And if you go to the field, like in Iraq or Afghanistan, you will find a continued focus on health."

The assessment is not the focus of the fitness program, but a tool to assess the commander's fitness training program.

"I want to make very clear that my focus is not on passing a fitness test once a year," said Gen. John P. Jumper, Air Force chief of staff, in his Oct. 17, 2003, Chief's Sight Picture. "More important, we are changing the culture of the Air Force. This is about our preparedness to deploy and fight. It's about warriors. It is about instilling an expectation that makes fitness a daily standard — an essential part of your service."

Dr. Taylor said he hopes the changes to the AFI will be made by late August or early September.

This week in history

July 21, 1950 The United Kingdom signed the Bahamian Agreement, permitting construction of the Eastern Range's first island stations.

July 19, 1967 Headquarters USAF approved a new emblem for the Air Force Eastern Test Range on this date. This emblem remained virtually unchanged as the Eastern Space & Missile Center and the 45th Space Wing emblem in later years.

July 15, 1975 The Apollo-Soyuz rendezvous mission was launched from Complex 39B at Cape Canaveral and Baikonur Cosmodrome in Kazakhstan.

The American astronauts chosen for the mission were Thomas Stafford, Donald "Deke" Slayton and Vance Brand. The two spacecraft docked on July 17. The astronauts and cosmonauts conducted joint experiments, and the spacecraft undocked two days later. Both spacecraft landed safely.

July 16, 2000 A Delta II carrying the NavStar GPS IIR-5 spacecraft was launched successfully from Pad 17A.

July 17, 2003 An Atlas V/Centaur carrying the Rainbow-1 commercial communications spacecraft was launched from Complex 41.



Photo by 1st Lt Kevin Tuttle

Bloody good time

Mike Bauer, 45th Space Wing Plans and Programs spaceport manager, gets his blood pressure checked before donating blood to the Red Cross July 8 at the quarterly blood drive at Patrick AFB. Ray Rogers, Red Cross supervisor, administers the procedure.

Program manager speaks on J-STARS

Lt. Col Nicholas Gritti, Georgia Air National Guard, speaks to Canaveral Chapter of the Armed Forces Communications and Electronics Association about the E-8 and E-10 J-STARS at the AFCEA luncheon, Thursday 11:15 p.m. at The Tides. For reservations, call 494-1770 or e-mail request to sherri.laforce@patrick.af.mil.

Family deployment

An orientation for spouses and kids to learn more about the military mobility process will take place July 20 from 11:30 a.m. - 12:30 p.m. and 5-6 p.m. at the Family Support Center. "Operation Family Deployment Line" will have dog tags for kids, MREs and will fingerprint children. In addition, a chaplain and legal representative will be available. Food will be provided after the event. Call 494-5676 for more information.

Union meets

The American Federation of Government Employees Local 2568 holds a special meeting at the Manatee Cove Party Room Wednesday at 4:45 p.m. There will be a 50/50 cash drawing. Members are encouraged to bring coworkers. Call 536-2418 for details.

Take a class

The Family Support Center offers the following classes:

Job Search - Monday 9 a.m. - noon

Back to School Opportunities - Tuesday 11 a.m. - noon

Vegetable Gardening - Tuesday 11 a.m. - noon

Deployed Spouses - Tuesday 5-6 p.m.

Highwaymen Art Presentation - Tuesday 6-10 p.m.

Smooth Move - Thursday 9 a.m. - noon

Ice Cream Social - Thursday noon - 1 p.m.

Fundamentals of Interviewing - July 22, 9 -11 a.m.

CGO Financial Course - July 22, noon - 1:30 p.m.

Teachers needed

The Family Support Center, in conjunction with the Florida Dept. of Education, is sponsoring the Troops to Teachers and Spouses to Teachers seminar Monday at the Family Support Center, Bldg 722, from 9-11a.m. Those interested must either have six or more years of military service, are retiring soon, are Guard or Reserve with 10 or more years in service, or are spouses of any of the above. For more information, contact the Family Support Center at 494-5675.

New clinic hours

The 45th Medical Group is changing its hours of operation in order to provide better service and satisfaction. The new clinic hours are 7:30 a.m. - 4:30 p.m. Mondays, Wednesdays, and Fridays and 8:30 a.m. - 4:30 p.m. Tuesdays and Thursdays. These hours apply to all clinic services including the Main Pharmacy (behind Burger King), Life Skills and the dental clinic. The new hours of operation will begin August 1.

Get Physical

To avoid delays in beginning school, sports and other activities, the 45th Medical Group is requesting parents call the main appointment line at 494-8241 to schedule school or sports physicals for children as soon as possible.

Center helps retired civilians

The National Active and Retired Federal Employees service center, located in Bldg. 536, staffed by volunteers, provides counseling and referral services to retired federal civilian

employees and their spouses on such topics as annuities, life insurance and survivor benefits.

The center is open by appointment only between 9 a.m. - noon the first and third Tuesday of the month. To make an appointment, call 259-8251 or 639-8972.

Moving?

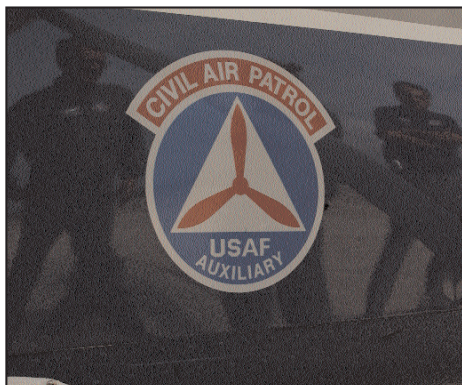
Due to the volume of military moves, the Traffic Management Office asks those who are moving soon to contact the office as soon as possible. Members don't need orders to schedule an appointment.

Call the Outbound Personal Property Section at 494-4964.



Correction

In the June 8 Missileer, it was stated that Robert Clements from the Education Center had passed away. However, the correct name is Hobert Clements. The Missileer staff deeply regrets the error.



By Patrick Brown
45th SW Public Affairs

Since its official congressional charter one week before the 1941 attack on Pearl Harbor, the all volunteer Civil Air Patrol has been providing a myriad of wartime and peacetime missions for America.

However, the 15 members who make up the 45th SW's CAP has only one mission in the critical days before NASA's Return to flight - to help protect America's return to manned space flight and in a sense, America's pride.

Providing surveillance for the last shuttle mission was the CAP's first surveillance mission for NASA here at the Cape.

Since that time, they have been using small three-seater Cessna airplanes, powerful zoom cameras, night vision equipment and other highly advanced surveillance equipment to spot and report any suspicious activity they may see for nearly every launch made from the Cape.

"Basically, we're just looking for anything out of the ordinary," said CAP Maj. John, McWhorter. "Usually it's a fisherman who gets too close with his boat, or a contractor who gets lost and ends up in the wrong spot, but we still report anything we see," he said.



Photos by Staff Sgt. Patrick Brown

Civil Air Patrol

A team of dedicated volunteers armed with high-tech equipment and a devotion to duty keep a close eye on NASA's Return to Flight

CAP Maj. McWhorter recalled one of his more memorable incidents two years ago when a small bi-plane breached Cape Canaveral air space and started practicing air-acrobatics. "We didn't think he was really a threat because he was only two or three miles inside Cape air space, but there was still plenty of security right there with him when he landed," he said.

There was no intent for harm from the pilot, he added. It was just a pilot who had gotten a little off course.

After an unusual situation is spotted by the CAP, it's photographed by their high-resolution slow-scan cameras and sent electronically from the plane nearly instantly, complete with precise map coordinates, to the CAP headquarters in Hangar 313; then sent to the appropriate security agency - usually Space Gateway Systems.

Maj. Stephen Hunter, 45th Operations Support Squadron weapons and tactics flight commander, says their vigilance is key to keeping the Cape mission safe.

"Before someone can attack something, they have to study it. They're there to stop that, and they're very good at it," he said.

Since it began its surveillance patrols, the CAP has reported no major security breaches,

and Maj. Hunter says that that's no coincidence.

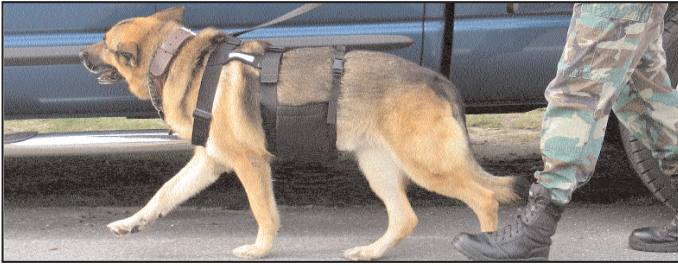
"I can't tell how many security breaches they've prevented just by being there," he said. "There's no way to put any numbers on what they've done for us. I can tell you that, because they (the CAP) are out there, I know there's no one out there planning to harm the mission."

CAP Maj. McWhorter agrees that their mere presence is probably one of the biggest deterrents to those who plan harm against the space mission. "We're a show of force," he said. "They see us up there and they know we're watching."

Maj. Hunter says the Civil Air Patrol's presence at the Cape is invaluable. "If they weren't there, there would be no reassurance that there's nobody out there planning harm," he said. "It's one less thing the commander and everyone else has to worry about on launch day."



Left, Civil Air Patrol Maj. John McWhorter, (left) and CAP 2nd Lt. Todd Wean stand beside one of their four Cessna airplanes used for aerial security surveillance for NASA's Return to Flight. Above, CAP Lt. Wean uses a landing gear attachment to guide a plane into position for maintenance after a mission over Cape Canaveral Air Force Station.



Photos by 1st Lt. Kevin Coffman

A military working dog searches a vehicle at Patrick AFB. New vests allow the dogs to keep cool during hot summer months here in Florida and also at deployed locations, such as Afghanistan.

Takin' a bite out of heat

Vests keep dogs cool in summer weather

By 1st Lt. Kevin Tuttle
45th SW Public Affairs

Imagine having to work outside all day without the comforts of air conditioning. Then imagine wearing a fur coat while doing your tasks.

That was exactly the case for Security Forces working dogs in the 45th Space Wing. However, the dogs have gotten some sweet relief through a new product called "CoolVest."

The cooling material in the vest is completely biodegradable and contains no hazardous chemicals, according to the manufacturer's news release.

"The original products had toxic materials, but this company uses a system without any toxins - they use recycled fat and other safe/green products," said Sheri Wells, Space Coast War Dog Association vice president. "The dogs have a marked improvement in staying cool now."

The charitable association donated eight vests to canines in Afghanistan and two vests to the 45th SW because they wanted immediate feedback on what needed to be fixed with the vests here,



Staff Sgt. David Moore, 45th Security Forces Squadron military working dog handler, prepares his dog, who is wearing a cooling vest, for duty.

rather than wait a few weeks to hear how they fare in the deployed locations, said Ms. Wells.

So far the experiment has been successful as the German Shepherd and Belgian Malinois police dogs seem to appreciate the 59-degree vest in the oppressive heat.

"It makes a big difference to the dogs and prolongs their work," said Tech. Sgt. Jerome Blackwell, 45th SFS kennel master. "With the heat and humidity, they tend to slow down. But with the vests, I would say they can work 30-45 minutes longer."

In environments near 100-degree temperatures, the vests can maintain their cooling power for up to two-and-a-half hours and can recharge in about 20 minutes in ice water or a freezer.

The benefits of the vests are invaluable to the Security Forces mission.

"Anything that extends the usable time for our dogs helps us a lot," said Lt. Col. Lynden Skinner, 45th SFS commander. "Anything that helps our canine teams stay comfortable to do our mission is a great benefit."

For more information on SCWDA, visit www.scwda.org.

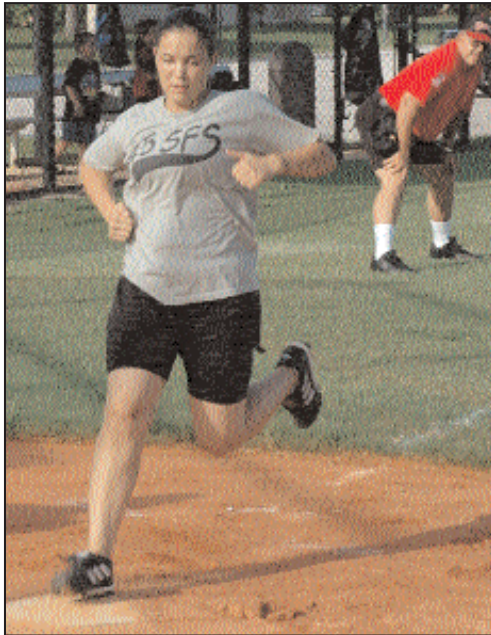


Photo by 1st Lt. Kevin Tuttle

Just the start

45th Security Forces Squadron's Charlene Mateo scores the first run for her team Monday after starting out the inning with a double. The game between SFS and Cape Canaveral Air Force Station was the first game of the Women's Intramural Softball Playoffs, with SFS pulling out a 13-10 win.

Meet the challenge

The USAF 9th Annual Marathon is Sept. 17 at Wright-Patterson AFB, Ohio. Competitors from Patrick have competed in the USAF Marathon in the past and the Fitness Center is looking for competitors this year. Interested personnel should call Ralph Robinson at the Patrick Fitness Center at 494-4947.

Advanced scuba training special

Outdoor Recreation offers a special Advance Plus Scuba Class August 13-14.

The class consists of two afternoon boat dives and a night dive August 13. On August 14 there will be two lake dives. Cost is \$320 for both Advanced Open Water and Nitrox Certifications. If not interested in Nitrox Training or already have that certification, Advanced Open Water is offered for \$220 following the same schedule. This is a one time special offer and may not be repeated again this year. Students must be able to make all open water and lake dives. There are no make-ups or reschedules offered on this special. Register at Outdoor Recreation or call 494-2042 for details.

Coaches needed

Youth Programs is currently recruiting adults to serve as volunteer soccer coaches for the upcoming 2005 Fall Recreational Soccer Program for ages 5-11. The program begins in August, but coaches are needed now. Interested coaches need to fill out an application and attend a mandatory training class at no cost to the volunteer coach. Trainings will include certification through the National Alliance for Youth Sports, CPR, first aid, child abuse and additional

topics related with working with children. All training must be completed before working with children. For more information contact Randy Detwiler at 494-3770.

Get hooked on Cape fishing

Camera Road "A" is now open for fishing. This is in addition to Camera Road "B" and Complex 34. The NASA Causeway is open for non-motorized boats only. Fishing is authorized for one badged employee and two unbadged guests during the daylight hours. Fishing placards are available at PIDS 1 CCAFS, located prior to the Main Gate on SR 401; and PIDS 3 KSC, located on SR 405, by the Astronaut Hall of Fame. Personnel on the beach must have a fishing pass and remain within a quarter mile of the authorized fishing area. Fishing in the port is controlled by the dock master. The fishing hotline is 730-1275.

Soccer registrations

Youth Programs is accepting registrations for their 2005 Fall Recreational Soccer Program through August 1. Registrations are open to family members ages 5-11 of active duty, retired military, DOD personnel, NAF employees and DOD contractors. Participants must be 5 years old by September 1 and not turn 12 years old by August 1 to be eligible to play. Registrations will be accepted during the weekday hours of 1:30-6:00pm with a special registration July 16, 9:00am - noon at the Youth Center. The cost for age 5 is \$30 for members and \$40 for non-members with the cost for ages 6-11 at \$45 for members and \$55 nonmembers. For more information, call the Youth Center at 494-4747.

The Calendar

Friday

▲ Club members are invited to enjoy Social Hour at Sharkey's Pub. Sharkey's is open every Friday from 3:30-9 p.m. for enlisted and enlisted equivalent club members. Active duty enlisted and their bona fide guests only from 3:30-4:30 p.m. Call 494-4012 for more information.

Sunday

▲ Discover kayaking at Outdoor Recreation from 9 a.m. – noon. Learn the basics of kayaking for only \$10 for the three-hour session. Call 494-2042 to register.

Wednesday

▲ Signs-ups are being taken in the Arts and Crafts Center, Bldg 415, for a series of Bob Ross painting classes. Classes will be held on July 20 and 27 from 10:00 a.m. – 3:00 p.m. at \$50 each, plus supplies. Paintings are displayed in the center. Students will take a finished painting home with them each session. Call 494-4270 to register.

▲ Patrick Fitness

Classes are free and open to all ID cardholders and approved contractors. Classes include Low-impact Aerobics, Stretch/Flex, Step, Yoga, Spinning, Abs, Kickboxing, and Pilates. Call 494-4947 for information.

▲ Unlimited Bowling is

Back. Enjoy unlimited bowling on Tuesdays and Thursdays, 5-9 p.m. for only \$5. Price of shoes is \$1.50. Bring out the whole gang. Call 494-2958 for more information.



Photo by Sonia Rivera

Outdoor Recreation Assistant, Ron Chevre (far right), does the final check to prepare a family to have fun on their boat rental. Although boat rentals are the most popular at Outdoor Recreation, many other items like SCUBA gear, camping gear, canopies, tables, and other party necessities are available for rent.

Discover adventure with Outdoor Recreation

By Sonia Rivera
45th Services Squadron

Fishing, camping, boating, diving and surfing.

Florida has the ideal weather to enjoy these outdoor activities year round and with over 100 items available to rent, Outdoor Recreation is the place to get your gear and learn about these great outdoor activities.

Probably one of the best kept secrets on Patrick Air Force Base, Outdoor Recreation's goal is to improve the quality of life for military families, active duty singles and retirees through programming and rental items ranging from tables and chairs and inflatable bounce houses to SCUBA gear and boats. To rent a boat, patrons must complete a safety course and SCUBA equipment rentals require certification.

"Our boats are our most popular item," says Terry Hamric, Program Director at Outdoor Recreation. "Yes, and the flexibility of our boating rental program is unsurpassed," adds Duane Renshaw, Community Support Flight Chief. "Right at Outdoor Recreation's front door step, customers can swift away in either a power or fishing boat, or paddle away in either a canoe or kayak. And if you choose to, you can drive away with a trailered fishing boat to your favorite location." Ms. Hamric added, "We also have so much more to offer like bus trips to the Cape or rental

items for family get-togethers."

Monthly trips are made to historic Cape Canaveral to view the locations that welcomed Mercury 7 astronauts, President Kennedy and many more space icons. The next trip leaves Outdoor Recreation Aug. 6 at 9:30 a.m. and costs \$5 per person. Reservations must be made. If you prefer watching local animal life, sea turtle watching trips are planned for July 16 and 30. The cost is \$15 per person and leaves at 8:30 p.m. for Melbourne Beach.

Through the Discover Program, Outdoor Recreation offers instruction ranging from kayaking basics to learning to shrimp. Wakeboarding is new to the lineup and the staff is excited about sparking interest in this activity. The next class is Aug. 5 from 2-3:30 p.m. and costs \$10.

If you are looking to add SCUBA diving to your list of hobbies, Outdoor Recreation offers a \$235, two-week course, which includes class materials and diving equipment, a deal that cannot be beat. The next class is scheduled to start Aug. 15.

If you are planning a family reunion or special get together, then Outdoor Recreation is also the place for you. With tables and chairs, super cooker grills, inflatable bounce houses, volleyball sets and horseshoes, all your party needs can be met.

For more information on class times and rental availabilities, call 494-2042.

Friday *Madagascar* Four residents of New York's Central Park Zoo : Alex the lion, Marty the zebra, Melman the giraffe , and Gloria the hippo have spent their whole lives living happily in a zoo. Then Marty falls in with a crowd of devious penguins, who bring him along in their escape attempt. When Alex realizes his friend is missing, he leads a company of critters on a search that takes them all outside the zoo for the first time. But before they know it, they're captured, crated, and put on a ship traveling to Africa. An accident at sea, however, strands them on the shore of Madagascar. They are now confronted with the reality of their predestined roles in nature.

Stars Ben Stiller and Chris Rock. Rated PG for mild language, crude humor and thematic elements. 80 min.

Saturday *Cinderella Man* In the middle of the Great Depression, there came along a most unlikely hero, James J. Braddock, a.k.a. the "Cinderella Man," who had crowds cheering on their feet as he proved just how hard a man would fight to win a second chance for his family and himself. Then, finally, comes the match of Braddock's life, as he boldly agrees to face off against world heavyweight champ Max Baer, a cocky powerhouse of a fighter with a punch so lethal he has already killed two men in the ring. Some say that Braddock will never even survive the match. Indeed, the odds are ten to one in Baer's favor as Braddock steps into his corner.

Stars Russell Crowe and Renee Zellweger. Rated PG-13 for intense boxing violence and language. 144 min.

Sunday *Madagascar* See Friday's synopsis.

Thursday *The Sisterhood of the Traveling Pants* Four best friends, Tibby, Lena, Carmen and Bridget spend their first summer apart from one another, but they share a magical pair of jeans. Despite being of various shapes and sizes, each one of them fits perfectly into the pants. To keep in touch they pass these pants to each other as well as the adventures they are going through while apart.

Stars Amber Tamblyn, and America Ferrara. Rated PG for thematic elements, sensuality and language. 120 min.

Shows start at 7:30 p.m., unless otherwise noted. Adults and children 12 and older pay \$3.50; children 6-11 pay \$1.75. Kids under 6 get in free.



